



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1

of 5

**Complete if Known**

Application Number	10/810,464
Filing Date	03/25/2004
First Named Inventor	Cunningham
Art Unit	2143
Examiner Name	
Attorney Docket Number	U000-P04042US

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
JM		US- 6,009,409	12-28-1999	Adler	
		US- 5,933,811	08-03-1999	Angles	
		US- 5,019,963	05-28-1991	Alderson	
		US- 6,026,368	02-15-2000	Brown	
		US- 5,504,675	04-02-1996	Cragun	
		US- 5,761,662	06-02-1998	Dasan	
		US- 5,717,923	02-10-1998	Dedrick	
		US- 5,768,521	06-16-1998	Dedrick	
		US- 5,724,521	03-03-1998	Dedrick	
		US- 5,946,664	08-31-1999	Ebisawa	
		US- 5,347,632	09-13-1994	Filepp	
		US- 5,823,879	10-20-1998	Goldberg	
		US- 5,794,210	08-11-1998	Goldhaber	
		US- 6,036,601	03-14-2000	Heckel	
		US- 5,319,455	06-07-1994	Hoarty	
		US- 6,141,010	10-31-2000	Hoyle	
		US- 6,237,022	05-22-2001	Bruck, et al.	
		US- 6,055,513	04-25-2000	Katz, et al	
		US- 6,067,570	05-23-2000	Kreynin	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
JM		WO 98/35300	08-13-1998	Ambrose		
		EP 0 822 535 A2	02-04-1998	Apte		
		WO 00/54201	09-14-2000	Haitsuka		
		EP 1 083 504 A2	03-14-2001	Haitsuka		
		WO 97/27531	07-31-1997	Itakura		
		WO 97/32257	09-04-1997	Itakura		

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STATEMENT BY APPLICANT**

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Sheet 2 of 5**Complete if Known**

Application Number	10/810,464
Filing Date	03/25/2004
First Named Inventor	Cunningham
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Attorney Docket Number	U000-P04042US

U. S. PATENT DOCUMENTS					
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		Number-Kind Code <sup>2</sup> (if known)			
<input checked="" type="checkbox"/>		US- 2003/0023488	01-30-2003	Landsman	
		US- 6,009,410	12-28-1999	LeMole	
		US- 5,721,827	02-24-1998	Logan	
		US- 6,141,699	10-31-2000	Luzzi	
		US- 5,305,195	04-19-1994	Murphy	
		US- 6,085,229	07-04-2000	Newman	
		US- 5,105,184	04-14-1992	Pirani	
		US- 5,913,040	06-15-1999	Rakavy	
		US- 5,740,549	04-14-1998	Reilly	
		US- 5,918,014	06-29-1999	Robinson	
		US- 5,636,346	06-03-1997	Saxe	
		US- 5,946,646	08-31-1999	Schena	
		US- 6,338,094	01-08-2002	Scott	
		US- 5,809,242	09-15-1998	Shaw	
		US- 5,959,623	09-28-1999	van Hoff	
		US- 5,643,088	07-01-1997	Vaughn	
		US- 6,389,469	05-14-2002	Vekslar, et al.	
		US- 5,446,919	08-29-1995	Wilkins	
		US- 6,151,643	12-10-1997	Cheng	

FOREIGN PATENT DOCUMENTS						
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↓		WO 97/32258	09-04-1997	Itakura		
		WO 97/43724	11-20-1997	Itakura		
		WO 97/46946	12-11-1997	Itakura		
		WO 98/13761	04-02-1998	Itakura		
		WO 97/21183	06-12-1997	Naqvi		
↓		JP 3114348	05-15-1991	Takahashi		

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		US 6,151,600	11-21-2000	Dedrick	
		US 5,855,008	12-29-1998	Goldhaber	
		US 6,169,542	01-02-2001	Hooks	
		US 5,737,619	04-07-1998	Judson	
		US 5,572,643	11-05-1996	Judson	
		US 5,584,025	12-10-1996	Keithley	
		US 5,838,790	11-17-1998	McAuliffe	
		US 5,781,894	07-14-1998	Petrecce	
		US 5,854,897	12-29-1998	Radziewicz	
		US 5,974,451	10-26-1999	Simmons	
		US 5,724,424	03-03-1998	Gifford	
		US 6,351,745	08-27-1998	Itakura	
		US 6,356,893	11-10-1998	Itakura	
		US-			
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		WO 97/07656	03-06-1997	Barkat / Rakavy		
		EP 0 811 942 A2	12-10-1997	Cheng		
		WO 00/75850	12-14-2000	Haitsuka		
		WO 01/04788	01-18-2001	Haitsuka		
		CA 2,244,002	07-31-1997	Itakura		
		CA 2,247,325	09-04-1997	Itakura		

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Sheet 4 of 5

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## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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J ↓		EP 0 749 081	12-18-1996	Reilly		
		WO 97/40514	10-30-1997	Shaw		
		EP 923036	12-11-1997	Itakura		
		WO 97/40601	10-30-1997	McAuliffe		
		WO 97/40447	10-30-1997	Marsh		
		WO 00/75822	12-14-2000	Raheman		

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of 5

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JM		BRAJNIK, A Shell for Developing Non-Monotonic User Modeling Systems California Digital Library International Journal of Human-Computer Studies, pp. 31-62, vol. 40, no.1	
		DEDRICK, Interactive Electronic Advertising, IEEE Multimedia 1994 (Intel Architecture Labs)	
		DEDRICK, A Consumption Model for Targeted Electronic Advertising, IEEE Multimedia pp 41-49 (Intel Architecture Labs) Summer 1995	
		JENNINGS, A Personal News Service Based on a User Model Neural Network Kansai Advanced Research Centre, Iwaoka, Japan, 1989-90	
		LIEBERMAN, Letizia: An Agent that Assists Web Browsing, M.I.T. Media-Lab Cambridge, MA, 8/1/1995	
		PAZZANI, Learning from hotlists and coldlists: Towards a WWW information filtering and seeking agent Dept. Information & Computer Science UC Irvine, 5/19/1998	

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